

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all previous listings, and versions, of claims in the application.

Listing of Claims:

1. (Currently amended) A ~~dermal~~ skin patch pre-loaded with a biologically active substance, the skin patch comprising:

a support having ~~electrostatic properties~~, a periphery and a depression forming a chamber; of the support being coated with

an adhesive disposed on the periphery, the adhesive configured material to create a hermetically seal the chamber against a patient's skin when applied thereto; and closed space between the support and the skin, wherein the support has, in an area not coated with adhesive material, a depression forming a hollow, all or part of a non-adhesive surface of said area of the support being directly covered with at least one biologically active substance in the absence of added gel, said

a preselected amount of biologically active substance being in the form of individualized or agglomerated particles, said particles being kept in contact with the non-adhesive surface of the support as a result of the entire preselected amount of biologically active substance bound to the support within the chamber solely by electrostatic forces, of attraction between said particles and the support and released to the skin when the patch is placed on the skin to form the hermetically closed space between the support and skin

wherein the biologically active substance is released to the patient's skin by perspiration secreted from the patient's skin into the chamber.

2. (Currently amended) The skin patch of as claimed in claim 1, further comprising a label removably coupled to the adhesive, the label configured to be, opposite the support, which can be peeled off and removed from the adhesive before application of the skin patch to the patient's skin.

3. (Currently amended) The skin patch of as claimed in claim 1, wherein the support comprises glass or a polymer chosen from the group comprising cellulose plastics, polyvinyl chlorides, polypropylenes, polystyrenes, polycarbonates and polyacrylics.

4. (Currently amended) The skin patch of as claimed in claim 1, further comprising a label removably disposed on wherein a back of the support, is covered with a the label configured to be removed from the skin patch before application to the patient's skin to reinforce the electrostatic forces that bond the biologically active substance to the support within the chamber which can be peeled off.

5. (Canceled)

6. (Currently amended) The A-dermal skin patch of claim 1, wherein the biologically active substance is an comprising a support having electrostatic properties, a periphery of the support being coated with an adhesive material to create a hermetically closed space between the support and the skin, wherein the support has, in an area not coated with adhesive material, a depression forming a hollow, all or part of a non-adhesive surface of said area of the support being directly covered with at least one allergen in the absence of added gel, said allergen being in the form of individualized or agglomerated particles, said particles being kept in contact with the non-adhesive surface of the support as a result of electrostatic forces of attraction between said particles and the support and released to the skin when the patch is placed on the skin to form the hermetically closed space between the support and skin.

7. (Currently amended) The skin patch of as claimed in claim 6, wherein the allergen has undergone a treatment of lyophilization, pasteurization or ionization.

8. (Currently amended) The skin patch of as claimed in claim 6, wherein the allergen is in the form of a purified allergenic fraction.

9. (Currently amended) The skin patch of as claimed in claim 1 [[6]], further comprising wherein the support has an allergen marking device in the form of: a marking printed on a back

of the support, a temporary tattoo ~~left at a surface of the skin when the patch is removed~~, or a self-adhesive disk maintained on an adhesive part of the support and configured to separate therefrom when the skin patch is removed.

10. (Currently amended) The skin patch of ~~as claimed in~~ claim 6, further comprising a device sensitive to physicochemical reactions of the patient's skin resulting from a ~~noted in the course of local inflammatory reaction induced by a positive reaction to the allergen.~~

11. (Currently amended) The skin patch of ~~as claimed in~~ claim 10, wherein ~~said the device is in the form of~~ comprises a colored indicator sensitive to local variations in pH.

12. (Currently amended) The skin patch of ~~as claimed in~~ claim 6, wherein a plurality of different allergens are bound the support ~~has several areas having electrostatic properties each covered with a different allergen, each electrostatic area being separated by a non-electrostatic area.~~

13. (Withdrawn) A patch kit comprising a plurality of patches as claimed in claim 6, wherein each patch contains an increasing amount of allergens.

14. (Currently amended) A patch preloaded with a selected amount of allergen, the patch comprising:

a support defining a first surface; and ~~having electrostatic properties, a first surface portion of the support being covered with at least one biologically active substance in the absence of added gel, said biologically active substance being~~

an allergen in the form of individualized or agglomerated particles, all of the allergen bound ~~said particles being kept in contact with~~ to the first surface portion of the support only by ~~as a result of electrostatic forces of attraction between said particles and the support.~~

15. (Currently amended) The patch of claim 14, further comprising an adhesive disposed on the support surrounding the first surface, the adhesive configured to create ~~means~~

~~for creating a hermetically closed space, containing said at least one biologically active substance, between said the support and a patient's skin that contains the allergen.~~

16. (Currently amended) The patch of claim 15 ~~[[14]], wherein the allergen is communicated to the patient's skin upon contact with perspiration secreted by the patient's skin. wherein the means for creating a hermetically closed space comprises a second surface portion of the support, said second surface portion being coated with an adhesive material and surrounding said first surface portion.~~

17. (Currently amended) The patch of claim 14, wherein the first surface is disposed within a depression formed in the support ~~at least one biologically active substance comprises an allergen.~~

18. (Currently amended) The ~~A skin~~ patch of claim 15 further comprising a label removably coupled to the adhesive, the label configured to be removed from the adhesive before application of the patch to the patient's skin ~~a support having electrostatic properties, a periphery of the support being coated with an adhesive material to create a hermetically closed space between the support and the skin, wherein the support has, in an area not coated with adhesive material, a depression forming a hollow, all or part of a non-adhesive surface of said area of the support being directly covered with at least one food or respiratory allergen in the absence of added gel, said food or respiratory allergen being in the form of individualized or agglomerated particles, said particles being kept in contact with the non-adhesive surface of the support as a result of electrostatic forces of attraction between said particles and the support and released to the skin when the patch is placed on the skin to form the hermetically closed space between the support and skin.~~

19. (New) The patch of claim 14, wherein the support comprises glass or a polymer chosen from the group comprising cellulose plastics, polyvinyl chlorides, polypropylenes, polystyrenes, polycarbonates and polyacrylics.

21. (New) The patch of claim 14, further comprising a label removably disposed on a back of the support, the label configured to be removed from the patch before application to a patient's skin to reinforce the electrostatic forces that bond the allergen to the first surface.

22. (New) The skin patch of claim 14, wherein the allergen is in its reactogenic state of origin.

23. (New) The skin patch of claim 14, wherein the allergen is selected from the group consisting of wheat flour, peanuts, cow's milk, egg, and latex.